

(c) Derwent

<p>93-004214/01 L02 KIKUSUI KAGAKU KOGYO KK 91.05.07 91JP-197532 (92.11.19) C04B 38/08 Heat tracking refractory coating compsn. - contg. hydraulic cement, inorganic lightweight aggregate, thickening agent and foaming agent C93-001971</p>	<p>KIKS 91.05.07 *JP 04331784-A</p>	<p>The compsn. comprises 15-60 wt.% hydraulic cement, 10-88 wt.% inorganic lightweight aggregate (typically "Sirusu" balloon, glass balloon or burned vermiculite, contg. at least 50 wt.% of coarse aggregate), 1-14 wt.% low viscosity thickening agent and 0.05-3 wt.% specified foaming agent. USE - Used for fire-resistant roof or floor structure of building. (6pp Dwg.No.0/0)</p>	<p>L(2-D3, 2-D9, 2-D15D)</p>
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6001 Chemical Abstracts
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118: 174615z Refractory coating compositions. Tokimoto, Noritoshi; Toyama, Masao (Kikusui Chemical Industries Co., Ltd.) Jpn. Kokai Tokkyo Koho JP 04,331,784 [92,331,784] (Cl. C04B38/08), 19 Nov 1992, Appl. 91/197,532, 07 May 1991; 6 pp. Hydraulic cement as binder 15-60%, shirasu balloons, fired vermiculite, glass balloons, perlite, and/or pumice (sp. gr. 0.05-0.8) contg. coarse aggregates (0.3-3.3 mm) $\geq 50\%$ (based on total inorg. lightwt. aggregates) as inorg. lightwt. aggregates 10-68%, methylcellulose, poly(vinyl alc.), hydroxyethylcellulose, and/or gaur gum, alginic acid derivs. ($\leq 1,000$ cP at 20° as 2% aq. soln.) as low-viscosity thickening agents 1-14%, and foaming agents 0.05-3% are mixed to give the title compns. for building construction. Cracking due to heating is minimized to prevent exfoliation, and the binding strength and thermal insulation are improved.